INDEX, VOLUME 26, 1988

Number 1

Contributed Papers

1. V. Sethi and J. T. C. Teng
Choice of Information Requirements Analysis Method: an Integrated Approach

17. G. Boloix and P. N. Robillard
Interconnectivity Metric for Software Complexity

40. P. J. Schweitzer, M. Dror and P. Trudeau
The Periodic Loading Problem: Formulation and Heuristics

63. E. A. Silver and M. R. Rahnama
Allocation of Space between Service and Waiting Areas in a Service System

Number 2

Forum

79. B. H. P. Rivett
The Sixth Honest Serving Man
The 1987 Harold Larnder Memorial Lecture

Contributed Papers

91. E. A. Gunn, M. Thorburn and A. K. Rai
A Decomposition Method Based on the Augmented Lagrangian

114. A. Gascon
The Lookahead Heuristic for Multi-Item Single Machine Production Scheduling with Dynamic, Stochastic Demands

127. R. St-Denis and P. N. Robillard
Les Outils Logiciels de Conception de Systèmes Informatiques: Concepts de Base et Problèmes

Number 3

Contributed Papers

153. S. W. Wallace
Bounds on the Expected Maximal Value of a Class of Stochastic Network Problems

163. J. L. KATZ AND J. SINGHAL
Structural Properties of the Compatibility Matrix: Existence of Mathematical Relationships

170. J. MACGREGOR SMITH AND R. MACLEOD
A Relaxed Assignment Algorithm for the Quadratic Assignment Problem

191. M. DESROCHERS AND F. SOUMIS
A Generalized Permanent Labelling Algorithm for the Shortest Path Problem with Time Windows

213. S. BHASKARAN AND S. P. SETHI
The Dynamic Lot Size Model with Stochastic Demands: A Decision Horizon Study

225. **Book Reviews**

Number 4

SPECIAL ISSUE
INTELLIGENCE INTEGRATION: PART 1

231. M. T. ÖZSU AND W. A. DAVIS
Editorial

Forum

234. D. L. PARNAS
Why Engineers Should Not Use Artificial Intelligence

247. R. GOEBEL
Distinguishing Science and Technology in Artificial Intelligence: A Reply to D. Parnas

Contributed Papers

256. B. R. GAINES
Knowledge Acquisition Systems for Rapid Prototyping of Expert Systems

286. M. R. HANSEN
Algebraic Optimization of Recursive Database Queries

299. V. C. HAMACHER
Local Networks for Future Requirements

316. **Book Reviews**